START 13585.2825

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Meeting Minutes Transmittal/Approval
Unit Manager's Meeting: 200 Aggregate Area/200 Area Operable Units
2440 Stevens Center Place, Lunchroom, Richland, Washington
June 1995

FROM/APPROVAL: Donna Wanek Date 10/3/95
Donna Wanek, 200 Aggregate Area Unit Manager, RL (H4-83)

APPROVAL: Paul Beaver Date 10/5/95
Paul R. Beaver, 200 Aggregate Area Unit Manager, EPA (B5-01)

APPROVAL: Date 10/3/95
Chuck Cline, 200 Aggregate Area Unit Manager, WA Dept of Ecology

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Meeting Minutes are attached. Minutes are comprised of the following:

Attachment #1 - Meeting Summary
Attachment #2 - Attendance Sheet
Attachment #3 - Agenda
Attachment #4 - Action Item Status List
Attachment #5 - 200-ZP-2 Operable Unit Manager's Meeting Minutes
Attachment #6 - 200-BP-5 Status Report
Attachment #7 - 200-UP-1 Groundwater OU Status/NPL Agreement for IRM/Waste Control Plan

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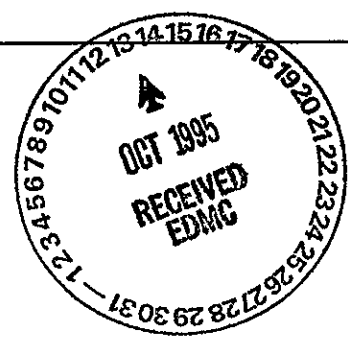


Prepared by: Gloria Campbell for Janice Smearman, BHI (H6-03) Date: 9/21/95

Concurrence by: Date: 9/21/95
George C. Henckel, BHI Project Manager (H6-07)

Attachment # 1
Unit Manager's Meeting: 200 Aggregate Area/200 Area Operable Units
June 1995

Meeting and Summary of Commitments and Agreements

1. Action Item Update:

   No open action items.

2. New Action Items:

   No new actionitems.

3. Information Items:

Status 200-BP-5 Operable Unit

The current status of the treatability test report and lay-up of the pilot system was discussed. EPA requested that the concentrations removed during the test need to be included in the report.

The groundwater monitoring event for April, 1995, has been completed and the samples are at the labs awaiting analysis. Results are expected by mid-July with validation by mid-August. The next sampling is scheduled for March, 1996.

Treatability Test Report (TTR) is currently being prepared. Internal ERC review is planned for the end of July, with a deliver date to DOE, EPA and Ecology by August 21, 1995. Paul Beaver indicated that he would like to see the amount of curies removed for each constituent list in the TTR. The ERC informed the EPA that the tanks would not be used in the N Area.

Status 200-UP-1 Operable Unit

The second round of sampling for the IRM wells has been completed and the second round was still continuing for the LFI wells.

UP-1 Pilot Scale System has treated approximately 3,500,000 gallons of groundwater.

IRM Proposed Plan, Draft B has been submitted to Ecology for review and is now ready to go Region X. It should be issued in late July. The DOW has also been reviewed by the regulators.

The Waste Control Plan has been approved and an NPL Change Form was signed on May 31, 1995, and was approved to defer construction on characterization wells. Instead several new injunction, extraction, and monitoring wells will be drilled in support of the Pump and Treat IRM.

Status of 200-UP-2 Operable Unit

200-UP-2 LFI/QRA Report was informally transmitted by DOE to EPA and Ecology, Formal transmittal will follow by June 230, 1995. Currently there is no public comment meeting scheduled, due to the opportunity the public has to make comments under the RCRA process for the 316-U-12 crib.

Focused Feasibility Study was being initiated.

Paul Beaver asked numerous questions:
Was the waste the same as that disposed of at BP-1?
How many cribs are in the OU?
How many boreholes have been placed in each crib?
How were the cribs made of?
The ERC provided a discussion to answer these questions during the meeting.

Status of 200-PO-1 Operable Unit

ERC Team Lead Mary Todd, status the kick-off meeting for the DQO process.

Several questions were asked regarding the boundary of the operable unit and whether the plume has spread under the Non-radiological Dangerous Waste Landfill (NRDWL). Several issues will need to be researched as to certain regulatory issues as how PO-1 will be managed if that is the case.

Paul Beaver indicated that he would like to have some additional information on seeps involved within this OU and well as to whether the plume has reached the river.

An attempt is currently being made to change 200-PO-1 OU from a RCRA unit to a CERCLA unit.

The DQO process is being used to defined the needs for PO-1.

Status of 200-BP-11 Operable Unit

No presentation given, however Ecology requested that the status of the Work Plan be noted in the minutes. Ecology has provided RL with a letter stating that the plan is ready to be issued to the public. If RL is unprepared to issue the work plan to the public by June 30, 1995, RL will miss the milestone.

Status of 200-ZP-2 Operable Unit

Rhett Tranbarger provided the status of ZP-2 activities (Attachment 5)

Attachment #2

Attendance Sheet
Unit Manager's Meeting: 200 Aggregate Area/200 Area Operable Units
June 1995

Beaver, Paul	EPA	376-8665
Clark, Suzanne	DOE	376-9055
Cline, Chuck	Ecology	
Freedman, Gary	Ecology	376-3026
Henckel, George	ERC	372-9381
Porter, Ken	BHI	372-9277
Todd, Mary	ERC	372-9678
Vinson, Ro	BHI	
Wittreich, Curt	BHI	372-9315
Wanek, Donna	DOE-RL	376-5778
Tranbarger, Rhett	ERC	372-8346
Ward, Beth	RL-PRD	376-7142
Williams, Gloria	RL-PRD	372-0586

Attachment #3

Agenda
Unit Manager's Meeting: 200 Aggregate Area/200 Area Operable Units
June 1995

8:30 - 8:45, 200-BP-11, R. Tranbarger

* Action Item Status
* General Status

8:45 - 9:00, 200-PO-1, M. Todd

* General Status

9:00 - 9:15, 200-BP-5, D. Erb

* Action Item Status
* General Status

9:15 - 9:30, 200-UP-1, C. Wittreich

* Action Item Status
* General Status

9:30 - 10:00, 200-UP-2, M. Todd

* Action Item Status
* General Status

10:00 - 10:30, 200-ZP-2, R. Tranbarger

* Action Item Status
* General Status

Attachment #4

Action Item Status List
Unit Manager's Meeitng: 200 Aggregate Area/200 Area Operable Units
June 1995

No open actin items.

Environmental Restoration Contractor **ERC Team**

Meeting Minutes

Job No. 22192
Written Response Required? NO
Closes CCN: N/A
OU: 200-ZP-2
TSD: N/A
ERA: CCL4
Subject Code: 4170; 4170

SUBJECT 200-ZP-2 Operable Unit Mananger's Meeting

TO Distribution

FROM Sean A. Driggers

DATE July 10, 1995

ATTENDEES

S. A. Driggers
D. A. Faulk
B. L. Foley
G. C. Henckel
S. Leja
K. R. Porter
V. J. Rohay
R. S. Weeks
T. A. Wooley
J. Zeisloft

DISTRIBUTION

Attendees

200-ZP-2 Project File
BHI Document Control H4-79

A meeting on the above subject was held on June 20, 1995, at 2440 Stevens Center, CR 1600.

A Unit Manager's Meeting was held between representatives of the ERC, DOE, EPA, and Ecology to status the 200-ZP-2 Operable Unit Carbon Tetrachloride Expedited Response Action (ERA). The attached handout was provided to attendees as a summary of points for discussion.

Sean Driggers provided a status of ERA activities completed to date. The status of the cleanup milestone development for the ERA was the primary issue of discussion. Sean Driggers explained that establishing an interim cleanup level for the ERA was a difficult task that required technical evaluation of vapor extraction progress to date and carbon tetrachloride phase partitioning coefficients. In addition, Sean pointed out that setting a milestone based on meeting a specific cleanup level was not practical within the framework of the Tri-Party Agreement since a target date for milestone achievement could not be established. Sean proposed that an interim progress report for the ERA be prepared that would summarize information needed to support a technically defensible cleanup level for the ERA and that agreement to complete the documentation be established with a National Priorities List Agreement, signed by the Unit Managers. Dennis Faulk stated that this approach was not acceptable to the EPA.

Dennis informed attendees that the ERA is expected to continue to operate until final cleanup of carbon tetrachloride is achieved. Dennis stated that establishment of a Tri-Party Agreement (TPA) Milestone or the preparation of a Proposed Plan for an interim action was required to provide EPA with enforceability over the ERA and a basis for continued ERA funding under current and projected DOE budget restrictions. Dennis stated that either approach would be acceptable to EPA. Bryan Foley, representing DOE/RL, agreed that the preferable path would be the development of a TPA milestone.

The discussion continued focusing on the approach for establishing the TPA milestone. Dennis said that he envisioned the milestone would set a cleanup goal which the vapor extraction system would attempt to meet. He added that interim milestones would be established to provide a periodic evaluation of the vapor extraction operations against the cleanup goal. George Henckel asked Dennis what cleanup standards would apply to the ERA that could be used as a basis for the cleanup goal. Dennis stated that the Model Toxics Control Act (MTCA) Method C formula values for carbon tetrachloride in soil would likely be the final cleanup standards for the ERA, and that these values could be used to set a goal for the milestone. George stated that he wanted to be sure that Ecology agreed with this position. George suggested that agreement to use MTCA Method C criteria should be documented with an NPL Agreement that would ensure Ecology's concurrence. Attendees agreed with this suggestion.

The following approach was agreed upon for developing the cleanup goal: 1) continue the partitioning coefficient determination for carbon tetrachloride and soil vapor extraction tests currently underway at Washington State University, 2) use the MTCA Method C criteria to establish a soil cleanup goal for the ERA, and 3) use a milestone to set a cleanup goal against which to compare the on-going removal efficiency of vapor extraction. It was agreed that language should be included in the milestone that would require it to be evaluated annually and if necessary, interim milestones would be established to periodically evaluate progress of the ERA towards achievement of the cleanup goal.

Action Items:

1) Reconvene a meeting after the fourth of July vacations to ensure that the milestone approach is the route that DOE/RL wants to pursue. Actionee: Bryan Foley

2) Prepare meeting minutes and accompanying NPL Agreement to document agreement of the approach for establishing a TPA milestone for the ERA and use of MTCA Method C cleanup standards for setting a cleanup goal for the ERA. Actionee: Sean Driggers

Control Number: XX-XXXX-XX	200 NPL Agreement/Change Control Form __ Change _X Agreement __ Information Operable Unit(s): 200-ZP-2	Date Submitted: July 10, 1995 Date Approved:

Document Number/Title: N/A	Date Document Last Issued: N/A
Originator: S. A. Driggers	Phone: 372-9298

Summary Discussion:

A Unit Manager's meeting was held June 20, 1995 between representatives of the ERC, DOE, EPA, and Ecology to status the 200-ZP-2 Operable Unit Expedited Response Action (ERA). Discussions during the meeting focused on the status of progress towards development of a Tri-Party Agreement (TPA) milestone for the ERA. The purpose of this NPL Agreement is to document the Unit Managers' agreement on the general approach for establishing the TPA milestone and their agreement to use the Model Toxics Control Act Method C criteria as a basis for establishing a cleanup goal for the ERA. The meeting minutes attached to this agreement are provided for reference.

Justification and Impact of Change:

Development of a Tri-Party Agreement milestone for the ERA is requested by the EPA unit manager as an alternative to preparing an Interim Remedial Measures Proposed Plan and issuing an Interim Action Record of Decision.

G. C. Henckel 200 Areas Project Manager	Date
B. L. Foley DOE Project Manager	Date
T. A. Wooley Ecology Unit Manager	Date
D. A. Faulk Env. Protection Agency Unit Manager	Date

Per Action Plan for Implementation of the Hanford Consent Order and Compliance Agreement Section 9.3.

UNIT MANAGERS MEETING

STATUS REPORT FOR THE 200-BP-5 OPERABLE UNIT

JUNE 22, 1995

D. B. ERB

PL513 - CHARACTERIZATION

* Groundwater Monitoring for April, 1995 - sampling is complete and samples are at labs for analysis. Results due by Mid-July with data validation by mid-August.

* EM-40 Baseline Change Request #95153 changes groundwater sampling frequency from a semi-annual to an annual event. Next sampling in March, 1996.

PL515 - TREATABILITY

* Treatability Test Report preparation is underway. Scheduled to have the first draft background text complete by end of June and ready for ERC internal review by end of July. Delivery for DOE & Regulator review on August 21.

* Risk Based Decisional Analysis is going through final sign-off and release as a BHI document.

216-B-5 Reverse Well Site

* Pilot-scale and mini-column testing was halted on May 26, 1995 after completing the second tracer test.

* Almost 1,000,000 gallons of groundwater processed through the Pilot Scale Plant.

* Radionuclide extraction concentrations averaged ~ 4000 pCi/L for Sr- 90, 1400 pCi/L for Cs-137 and 18 pCi/L for Pu-239/240.

* Cs-137 removal was 99% efficient with Clinoptilolite for ~1,000,000 gallons treated.

* Pu-239/240 removal was 95+% efficient with Bone Char.

* Sr-90 removal was 80% efficient with Clinoptilolite.

* Second Tracer Test observed recirculation in ~5 hours and maximum concentration at 48 hours. System operated for 125 hours and treated 163,000 gallons.

* Two rounds of Batch Equilibrium and Mini-Column tests completed in field.

* No Cs-137 or Pu-239/240 breakthrough observed after 8,100 BV mini- column test.

* Based on Mini-Column and Pilot-Scale testing, Sr-90 removal of 99% possible but removal to less than 8 pCi/L acheivable only early-on for a very limited numbers of bed volumes.

* B-5 Site almost completely dismantled. Equipment is being stored on site.

216-BY Cribs Plume Site

* Testing halted on May 22, 1995

* Over 370,000 gallons of groundwater extracted and treated.

* Tc-99 removal was 95+% efficient using DOWEX-21K.

* Co-60 removal was 90+% efficient using DOWEX-21K.

* Tc-99 and Co-60 concentrations averaged over 10,000 pCi/L and 150 pCi/L during extraction.

* In-Situ Flow Velocity/Direction Testing is over 65% complete. Nine wells complete currently testing the tenth well. Data analyzed for 6 wells.

* Mini-Column tests completed on May 26 after running to 90+% saturation at 4500 bed volumes.

* BY Cribs site has been taken apart and placed in storage at B-5 site. Only metal tanks remain on site. Unused equipment being

stored at B-5 site. Tank "pedigree" to be documented for future users.

200-UP-1 GROUNDWATER OPERABLE UNIT

JUNE 22, 1995

200-UP-1 CURRENT ACTIVITIES STATUS

- **CHARACTERIZATION**
  - **GROUNDWATER MONITORING STATUS**
    - -Second Round Sampling for IRM Wells Completed
    - -Second Round of Sampling for LFI Wells Continues.

- **TREATABILITY TESTING**
  - **PILOT-SCALE SYSTEM STATUS**
    - -Treated Approximately 3,500,000 Gallons of Groundwater.

- **INTERIM REMEDIAL MEASURE**
  - **IRM PROPOSED PLAN**
    - -IRM Proposed Plan Draft B Prepared for Region 10 Review.
  - **IRM WELL INSTALLATION**
    - -Description of Work, Draft B under Regulator Review.
    - -Waste Control Plan Approved.
    - -NPL Agreement Form Approved to Defer Construction of Characterization Wells and to Construct Injection, Extraction and Monitoring Wells in Support of the Pump and Treat IRM.
    - -Well Pads under Construction

9513383.2844

Control Number: BHI-00419	200 NPL Agreement/Change Control Form __ Change _X Agreement __ Information Operable Unit: 200-UP-1 Groundwater	Date Submitted: May 23, 1995 Date Approved:

Document Number/Title: 200-UP-1 Groundwater Operable Unit IRM	Date Document Last Issued: N/A
Originator: C. D. Wittreich	Phone: 372-9315

Agreement:

Ecology, EPA, and DOE Unit Managers agree to defer the installation of 5 characterization wells from the FY 95 work scope. This scope will be replaced with installation of up to six new injection/extraction/monitoring wells in support of the 200-UP-1 pump and treat interim remedail measure.

Justification and Impact of Change:

The installation of new IRM wells will be used to validate the conceptual IRM designs (e.g., capture zone and aquifer response), and focus 200-UP-1 resources on activities identified in the IRM Proposed Plan with a bias for action per the Hanford Past Practice Strategy. This action is consistent with TPA change number M-13-93-03 which identifies that the pump and treat system will be modified during treatability and remediation phases to optimize cleanup activities.

Accelerating the IRM would require that characterization activities of the non-IRM plumes, within 200-UP-1, be deferred. The three parties will work together to revise the schedule for completion of the Limited Field Investigation as established within the RI/FS Work Plan for the 200-UP-1 Groundwater Operable Unit.

ERC Project Manager [signature]	Date 5/31/95
DOE Unit Manager Donna Wanek	Date 5/31/95
Ecology Unit Manager [signature]	Date 5/31/95
Env. Protection Agency Unit Manager [signature]	Date 31 May 95

Per Action Plan for Implementation of the Hanford Consent Order and Compliance Agreement Section 9.3.

BHI-DIS 5/31/95
CAP

9513303.2006

WASTE CONTROL PLAN

Work Scope Description FY 200-UP-1 Interim Remedial Measures Activities - Construction of Extraction, Injection and Monitoring Wells (See Attachment 1 for work scope description narrative)

List Constitutents of Concern Uranium, Tc^{99}, CCL^{4}

Site Description 200-UP-1 Operable Unit, 200 West Area, Hanford Site, Richland, WA 99352

Reference 200-UP-1 Interim Remedial measure drilling description of work BHI-00415 **Rev** OA **Date Approved** Draft

Preparer/ Project/RI Coordinator C.D. Wittreich **Print/Sign Name** **Date** 5/19/95

Safety Class

Impact Level

Field Team Leader/ Cognizant Engineer J.M. Jimenez **IDW Coordinator** G.G. Hopkins

Planned Drilling Start and Finish Dates: From June, 1995 **To:** January, 1996

Waste Storage Facility ID Number(s)

Field Screening Methods

Method	Frequency	Reference	Detection Range	Analyst
PID (11.7eV Lamp or Chlorinated OVM	Continuous for last 30' of Vadose Zone prior to Saturated Zone	BHI-EE-01 EIP-8-0	0-1,000 PPM	Geologist
GM	AM/PM	WHC-IP-0718	0-100,000 CPM	RCT
GM	AM/PM	WHC-IP-0718	0-100,000 CPM	RCT

Laboratory Methods (constituents of concern)

Method	Frequency	Reference	Detection Limits	Contract Lab

APPROVALS (Print/Sign Name and Date)

G.G. Hopkins 5/18/95
IDW Coordinator

C.D. Wittreich 5/19/95
Project/RI Coordinator

C.H. St. John 5/18/95
Safety Function (if required)

J.M. Jimenez 05-19-95
Field Team Leader/Cognizant Engineer

N/A
Quality Assurance (if required)

9513585.2846

WASTE CONTROL PLAN

GK 5/17/95

Drill Site Coordinate Location: See Attachment ~~3~~ 2 for proposed new well sites.

Waste Container Storage Area(s) Coordinate Location(s): 200-UP-1 & 2 Centralized Waste Container Storage Area (N36400, W72950)

Requirements for Soil Pile Sampling (if any): N/A

Nonregulated Material Disposal Location(s): Nonregulated trash (paper, plastic, disp.ppe, etc.) will be disposed at C. Landfill. Nonregulated soils will be dispositioned to the ground near the point of generation. Any liquids/slurries identified as nonregulated will be disposed to the ground outside of 200 West Area.

SKETCH OF WORK SITE

See Attachment 2

APPROVALS (Print/Sign Name and Date)

D.N. Goswami 6/1/95
Lead Regulatory Agency Representative

D.M. Wanek Donna Wanek 5/23/95
DOE-RL

G.C. Henckel 5/2/95
Project/RI Coordinator

ATTACHMENT 1
200-UP-1 INTERIM REMEDIAL MEASURES WELL CONSTRUCTION WASTE CONTROL PLAN

The following provides for the management of waste generated as a result of well constructions in support of the 200-UP-1 Operable Unit Interim Remedial Measure (IRM). This IRM will incorporate a pump and treat operation designed to contain elevated concentrations of uranium (U) and Technetium-99 (Tc-99) and collect data on aquifer and contaminant response to the remediation measures. Up to nine (9) wells (3 extraction, 3 injection, and 3 monitoring wells) may be constructed in support of this IRM. Initially five wells will be constructed. Aquifer testing will be performed, the results of which will be used to identify the need for and location of additional wells. The proposed geographic locations of the initial five wells are shown in Attachment 2. Waste generated as a result of these well construction activities will be managed per this Waste Control Plan (WCP).

Waste streams that will be potentially generated as a result of the well installations include vadose zone media, saturated soil, purgewater, decontamination fluids, and miscellaneous decontamination trash (wipes, plastic, disposable ppe, etc.). Specific waste streams will be managed as follows:

VADOSE ZONE DRILL CUTTINGS - Vadose zone drill cuttings are not expected to be contaminated with either hazardous or radiological constituents and may be collected in soil piles located near the point of generation. Soil piles will receive AM/PM field screening for radiological contamination. However, due to the known presence of carbon tetrachloride in the groundwater, vadose zone drill cuttings generated within 10 meters of the saturated zone will be field screened, as generated, with an organic vapor monitor. If organic vapors are detected, the suspect drill cuttings will be contained in steel drums lined with a 10 mil poly liner. The drums may be staged near the point of generation prior to transport to the 200-UP-1 & -2 OU's Central Waste Container Storage Area (CWCSA). Contained vadose zone soils will be eventually dispositioned with similar soils previously generated from OU investigations.

SATURATED SOIL - Due to the potential encounter with regulated levels of radiological constituents and the known presence of hazardous constituents in the groundwater, all saturated drill cuttings/slurries will be contained in 90 mil liners housed in 55-gallon galvanized drums. The 55-gallon drums of slurries will be overpacked in 95-gallon poly overpack drums prior to storage at the 200-UP-1 & -2 CWCSA. Drums of slurries will be radiologically released via sample analyses or via a "letter of release" by Health Physics. Process knowledge gained from previous 200-UP-1 OU investigation and characterization activities may be used alone or in conjunction with ground water sample analyses to disposition slurries. Contained slurries will be dispositioned with previously generated similar slurries.

PURGEWATER - Purgewater will be managed in accordance with BHI-EE-01, Environmental Investigations Procedures, EIP 1.11 "Purgewater Management".

DECONTAMINATION FLUIDS - Decontamination fluids used to decontaminate tools and equipment that have directly contacted groundwater containing F-listed hazardous constituents will be contained and managed as potentially F-listed hazardous waste. Since radiological contamination of the decontamination fluids is not expected, the fluids may be contained in 55-gallon steel drums with 10 mil poly liners. Decontamination fluids may be sampled for waste designation or may designated based on process knowledge. Drums of decontamination fluids will be overpacked in 95-gallon poly drums prior to storage at the 200-UP-1 & -2 CWCSA.

MISCELLANEOUS - Miscellaneous trash that has directly and substantially contacted groundwater containing F-listed constituents, such as wipes or rags used for downhole drill tool decontamination, will be contained in borehole specific steel drums, lined with 10 mil poly liners, and managed as potentially hazardous waste. Miscellaneous trash will be dispositioned using the waste designation of the contaminated media contacted.

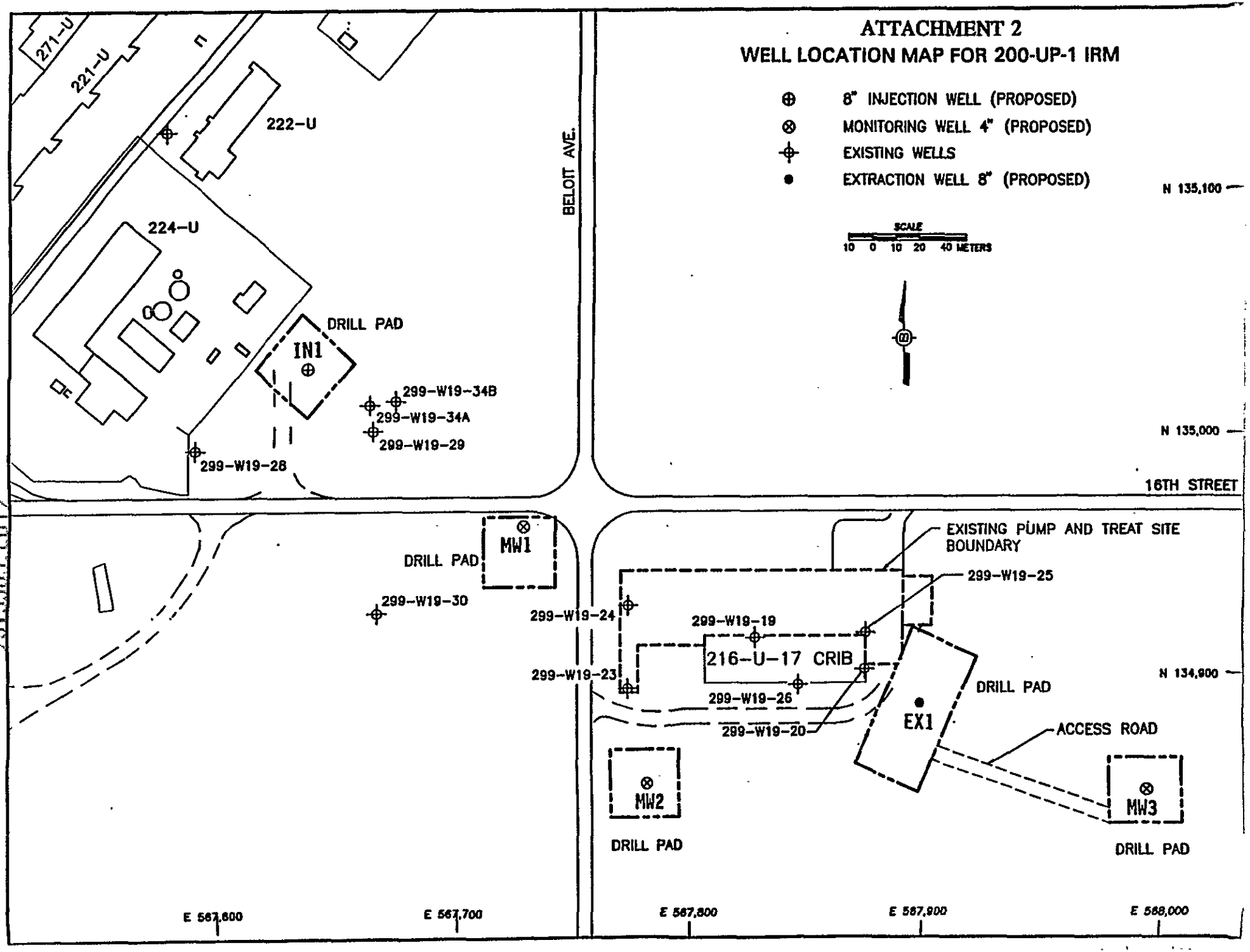
Decontamination of reusable equipment will be accomplished in accordance with BHI-EE-01, Section 6.2, "Field Cleaning and/or Decontamination of Drilling Equipment." Successful decontamination of reusable tools and equipment generally requires visual verification that surfaces are free of visible contamination. However, the surfaces of some equipment cannot be completely inspected (e.g., inside small diameter pipes, inside of pumps). For equipment with hidden surfaces that have directly contacted groundwater containing hazardous constituents, the equipment will be considered successfully decontaminated if hidden surfaces are triple-rinsed or steam/pressure cleaned.

Groundwater pumped as part of aquifer testing will be treated using the existing 200-UP-1 treatment system. The 200-UP-1 Groundwater Operable Unit Pilot-Scale Treatability Test Waste Control Plan will be used to manage treatment waste.

Trenches may be excavated to place connecting pipelines between the wells and treatment system. This excavation is considered a normal earthmoving activity and will not trigger the RCRA definition of placement or land disposal. Excavated materials will be replaced in the trench, and if contaminated, will be addressed by final remediation activities in the future.

Contained waste will be packaged, marked, and labeled, in accordance with the BHI Field Support Procedure BHI-FS-01 Section 4.14 (FS 4.14). If FS 4.14 is not issued for use prior to initiation of the well installation activities, the applicable packaging, marking, and labeling directives provided in the WHC-CM-7-7 manual, procedure EII 4.3, may be used until FS-4.14 is issued.

At the discretion of the project leads, alternative waste management methods, authorized under CERCLA regulations, may be substituted for any portion of the guidance provided in this WCP.


ATTACHMENT 2
WELL LOCATION MAP FOR 200-UP-1 IRM
8" INJECTION WELL (PROPOSED)
MONITORING WELL 4" (PROPOSED)
EXISTING WELLS
EXTRACTION WELL 8" (PROPOSED)
SCALE
10 0 10 20 40 METERS
271-U
221-U
222-U
224-U
BELOIT AVE.
DRILL PAD
IN1
299-W19-34B
299-W19-34A
299-W19-29
299-W19-28
N 135,100
N 135,000
16TH STREET
MW1
DRILL PAD
299-W19-30
299-W19-24
299-W19-19
216-U-17 CRIB
299-W19-23
299-W19-26
299-W19-20
EXISTING PUMP AND TREAT SITE BOUNDARY
299-W19-25
N 134,900
DRILL PAD
EX1
ACCESS ROAD
MW2
DRILL PAD
MW3
DRILL PAD
E 567,600
E 567,700
E 567,800
E 567,900
E 568,000
9513383 2849

Distribution

Unit Manager's Meeting: 200 Aggregate Area/200 Area Operable Units
June 1995

Donna Wanek ..... DOE-RL, PRD (H4-83)
Mary Harmon ..... DOE-HQ (EM-442)
Richard Person ..... DOE-HQ (EM-442)

Paul Beaver ..... 200 Aggregate Area Manager, EPA (B5-01)
~~Bill Lum~~ ..... ~~USGS, Support to EPA~~ OU
Jim Pankanin ..... PRC, Support to EPA

Dib Goswami ..... WDOE (Kennewick)

Lynn Albin ..... Washington Dept. of Health

Curt Wittreich ..... BHI (H6-02)
George Henckel ..... BHI (H6-07)
Alvina Goforth ..... BHI (H6-08)
R. Scott Hajner ..... BHI (H6-07)
Tom Page (Please route to:) ..... PNL (K1-31)

Cheryl Thornhill	PNL (K1-19)	Steve Slate	PNL (K1-19)
Mark Hanson	PNL (K1-51)	Bill Stillwell	PNL (K1-30)
		Ben Johnson	PNL (K1-78)

Original Sent To: ADMINISTRATIVE RECORD: 200 AAMS Care of EDMC, WHC (H6-08)
